

	9	18	27	36	45	54
5'	G CGG TGG TGA CTG AGC TAC GAG CCT	GGC GGC GGG	TGT GCG CCG AGC CCC GGC			
	63	72	81	90	99.	108
	CCG GCC CGG CCC TCG CGT GCC TCC CAG GCT	CCG CAC CCC TGA TGC TGC GCG GGT				
	117	126	135	144	153	162
	GCT GAG CCC GCT TCG GCC GGG ACG ATG GTG AAG TAT TTC CTG	GGC CAG AGC GTG	M V K Y F L G Q S V			
	171	180	189	198	207	216
	CTC CGG AGT TCC TGG GAC CAA GTG TTC GCC GCC	TTC TGG CAG CGG TAC CCG AAT	L R S S W D Q V F A A F W Q R Y P N			
	225	234	243	252	261	270
	CCC TAT AGC AAA CAT GTC TTG ACG GAA GAC ATA GTC CAC CGG GAG GTG ACC CCT	P Y S K H V L T E D I V H R E V T P				
	279	288	297	306	315	324
	GAC CAG AAA CTG CTG TCC CGG CGA CTC CTG ACC AAG ACC AAC AGG ATG CCA CGC	D Q K L L S R R L L T K T N R M P R				
	333	342	351	360	369	378
	TGG GCC GAG CGA CTA TTT CCT GCC AAT GTT GCT CAC TCG GTG TAC GTC CTG GAG	W A E R L F P A N V A H S V Y V L E				
	387	396	405	414	423	432
	GAC TCT ATT GTG GAC CCA CAG AAT CAG ACC ATG ACT ACC TTC ACC TGG AAC ATC	D S I V D P Q N Q T M T T F T W N I				
	441	450	459	468	477	486
	AAC CAC GCC CGG CTG ATG GTG GTG GAG GAA CGA TGT GTT TAC TGT GTG AAC TCT	N H A R L M V V E E R C V Y C V N S				
	495	504	513	522	531	540
	GAC AAC AGT GGC TGG ACT GAA ATC CGC CGG GAA GCC TGG GTC TCC TCT AGC TTA	D N S G W T E I R R E A W V S S S L				
	549	558	567	576	585	594
	TTT GGT GTC TCC AGA GCT GTC CAG GAA TTT GGT CTT GCC CGG TTC AAA AGC AAC	F G V S R A V Q E F G L A R F K S N				
	603	612	621	630	639	648
	GTG ACC AAG ACT ATG AAG GGT TTT GAA TAT ATC TTG GCT AAG CTG CAA GGC GAG	V T K T M K G F E Y I L A K L Q G E				
	657	666	675	684	693	702
	GCC CCT TCC AAA ACA CTT GTT GAG ACA GCC AAG GAA GCC AAG GAG AAG GCA AAG	A P S K T L V E T A K E A K E K A K				

FIGURE 1A

FIGURE 1B

FIGURE 2

1 MVK YF LGO S VL RSS SW D Q V F A A F W Q R Y P N P Y S K H V L T E D I V 2344864
1 M G K Y C A S L G V L K G P W D Q V F A A F W Q R Y P N P Y S K H V L T E D I V GI 969170

41 H R E V T P D Q K L L S R R L L T K T N R M P R W A E R L F P A N V A H S V V V 2344864
41 H R E V T A D H K L L S R R L L T K T N R M P R W A E R F F P A N V A H N V Y I GI 969170

81 L E D S I V D P O N O T M T F T W N I N H A R L M V V E E R C V V C V N S D N 2344864
81 V E D S I V D P K N R T M T F T W N I N H A R L M A V E E R C V V Y R V N P E N GI 969170

121 S G W T E I R R E A W V S S S L F G V S R A V Q E F G L A R F K S N V T K T M K 2344864
121 S S W T E V K R E A W V S S S L F G V S R A V Q E F G L A R F K S N V T K S T K GI 969170

161 G F E Y I I L A K L Q G E A P S K T L V E T A K E K A K E T A L A A T E K A 2344864
161 G F E Y V L A R M Q G E A P S K T L V E T A K E A T E K A K E T A L A A T E K A GI 969170

201 K D L A S K A A T K K Q Q Q Q Q Q F V 2344864
201 K D L A S K A A T K K Q - - - F V GI 969170

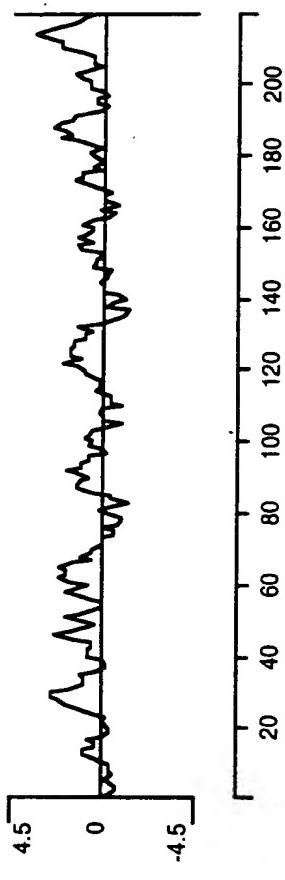


FIGURE 3A

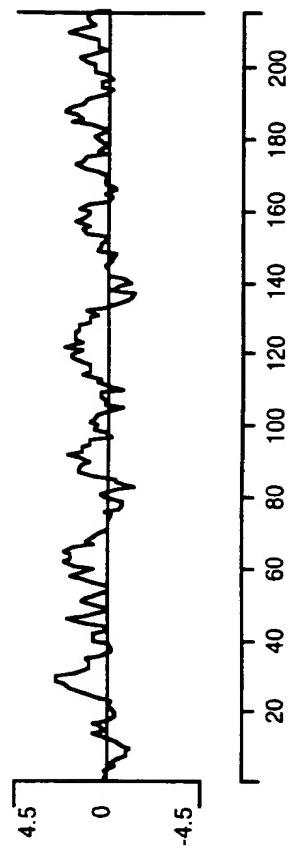


FIGURE 3B